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## **AIR FORCE QUALIFICATION TRAINING PACKAGE (AFQTP) VIDEO DUMP TRUCK OPERATIONS—SPREAD MATERIAL**

### **SYNOPSIS:**

We have recently completed a new Pavements and Construction Equipment Operator (3E2X1) qualification training package audiovisual product: *Dump Truck Operations – Spread Material*, PIN 613860. This 24-minute product was transferred to the US Army Visual Information Center (USAVIC) in Tobyhanna PA for automatic distribution to all AF civil engineer organizations. It supports the Air Force Qualification Training Program for home station training. This video standardizes step-by-step procedural guidance on performing specific tasks identified in the Specialty Training Standard portion of the Career Field Education and Training Plan.

### **SPREAD MATERIAL:**

The primary purpose of a dump truck is to haul material to a construction site. Depending on the situation, materials will either be dumped or spread. Spreading material can be easily accomplished in one of two ways. The



material can either flow under the tailgate or the tailgate can be removed. This video discusses dumping and both spreading procedures in an effort to train better dump truck operators. It describes the different controls used to dump or spread material. Specifically, it covers the power take-off, hydraulic pump control, and the tailgate-locking lever. Each control is operated to demonstrate the various control positions. Applicable safety precautions are highlighted throughout the video with special emphasis on the truck bed's safety stands that keep the bed from accidentally falling on the operator while performing pre-operational checks.

### **SPREADING UNDER THE TAILGATE METHOD:**

This section covers tailgate chain adjustments to produce an even flow of material from the bed. Safety tips concerning overhead wires and failure to release the tailgate-locking lever are also highlighted. Special emphasis is placed on step-by-step procedures that clearly demonstrate key techniques and typical mistakes associated with spreading material under the tailgate.

### **TAILGATE REMOVAL SPREADING METHOD:**

This section addresses some instances when spreading material without the tailgate is more effective. Tailgate removal spreading does not produce a controlled smooth flow of material, but it is ideal for wet sticky material, large

bulky items, construction debris like trees and stumps, and chunks of concrete and asphalt. Tailgate removal and reinstallation procedures are taught in detail.

Regardless of the spreading methods used, viewing this video and hours of practice are the keys to becoming a good operator. In time, accurate placement of material on a construction site will become second nature.

### **ACCESSIBILITY:**

Additional copies of this and other training audiovisual products can be ordered from USAVIC/JVIA ATTN: ASQV-JVIA-T (USAF) Building #3, 11 Midway Road, Tobyhanna PA 18466-5102. A point of contact at USAVIC is Ms. Maria DiGenova, DSN 795-6543 or FAX 795-6106. Questions regarding home station training audiovisual product automatic distribution should be addressed to Mr. Ralph Gruber, HQ AFCESA/CEOT, DSN 523-6181.

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